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PROCEEDINGS
OF
The American Microscopical Society

MINUTES OF THE ANNUAL MEETING

HELD AT

BUFFALO, NEW YORK, AUGUST 23, 24 AND 25, 1904

The twenty-seventh annual meeting was called to order in the rooms of the Buffalo Society of Natural Sciences, Buffalo, New York, at 10:50 A.M., Tuesday August 23, 1904, by Dr. William C. Krauss, Chairman of the Committee of Arrangements. Hon. Erastus Knight, Mayor of Buffalo, extended to the Society by letter a welcome to the city. Addresses of welcome were also given by Hon. T. Guilford Smith, President of the Buffalo Society of Natural Sciences, by Dr. Henry R. Hopkins, of Buffalo, who made an address at the first session held in the same city twenty-five years before, and by Dr. William C. Krauss on behalf of the local members. Dr. Krauss then introduced President Burrill, who presided at all of the subsequent sessions. On taking the chair, Dr. Burrill responded to the words of welcome, described the work which the Society had done and the conditions under which it was at present working, and pointed out the work that it had before it. The session was adjourned at noon to partake of a complimentary luncheon tendered by the Buffalo Society of Natural Sciences.

SECOND SESSION

The Society was again called to order at the same place at 2:20 P.M.

In the absence of the Secretary, who was in Europe on attendance at the International Zoological Congress, a report from him was read by the Assistant Secretary. A letter from the Treasurer containing a brief memorandum of the financial condition of the Society, and the Custodian's report, were read and the books of both Treasurer and Custodian referred to an auditing committee.

Papers were read as follows:

Dr. William C. Krauss: "Twenty-five Years of the American Microscopical Society: A Retrospect." Discussed by Dr. George E. Fell, Dr. George H. Blackham, Prof. T. J. Burrill, and Dr. William C. Krauss.

Dr. George E. Fell: "The Practical Value of the Microscope in the Examination of Handwriting." Discussed by Dr. V. A. Latham.

Dr. Herman Kellner: "An Apparatus for Applying Monochromatic Illumination to the Microscope." Discussed by Dr. George H. Blackham and Dr. V. A. Latham.

The President announced the appointment of the following committees: On resolutions, Dr. R. H. Ward, Dr. V. A. Latham, and Mr. H. N. Ott; auditing committee, Dr. George E. Fell, Dr. John A. Miller. The Society then adjourned to inspect the State Cancer Laboratory.

In the evening the Society was honored by a very brilliant reception at the Hotel Lafayette under the auspices of the Ladies' Committee, the Chairman of which was Mrs. John Miller Horton.

THIRD SESSION

The Society was again called to order at the rooms of the Buffalo Historical Society on Wednesday, August 24, at 10:45 A.M. to listen first to addresses on behalf of that society by Mr. Andrew Langdon, the President, and by Mr. Frank H. Severance, the Secretary. To these President Burrill responded.

The reading of papers being resumed, the following were presented:

Dr. R. H. Ward: "The Origin and Early Development of the American Microscopical Society." Discussed by Dr. George E. Blackham, Dr. George E. Fell, Dr. M. A. Veeder, and Dr. R. H. Wolcott.

At noon the Society adjourned to partake of a complimentary luncheon at the Park Club.

FOURTH SESSION

The Society met again at 2:05 P.M. and the following nominating committee was elected: Dr. R. H. Ward, Dr. William C. Krauss, Dr. V. A. Latham, Dr. M. A. Veeder, and Prof. William F. Watson.

The reading of papers was resumed:

Dr. George E. Fell: "The Typhoid Problem at Buffalo." Discussed by Dr. John A. Miller, Mr. William H. Dopp, Prof. T. J. Burrill, Dr. V. A. Latham, and Dr. M. A. Veeder.

Dr. V. A. Latham: "A Few Notes on Some Interesting Pathological Material."

The Society then adjourned to visit the plant of the Spencer Lens Co.

FIFTH SESSION

In the evening the Society listened to the very interesting presidential address of Prof. T. J. Burrill on "Micro-Organisms of the Soil and Human Welfare." Following this was a microscopical exhibition, at which some forty microscopes were used.

SIXTH SESSION

The Society again convened in the lecture room of the Buffalo Society of Natural Sciences at 11:10 A.M., Thursday, August 25.

The auditing committee reported on the report of the Custodian. The matter of the investment of the Spencer-Tolles Fund was brought up and referred to a committee consisting of the auditing committee and the Custodian, which committee was also instructed to audit the books of the Treasurer and to present a report for publication in the ensuing volume of the Transactions.

The Executive Committee reported recommending an appropriation of \$25 for the expenses of the Secretary; the election of W. H. Walmsley as an honorary member; and the granting of an additional sum of \$25 from the income of the Spencer-Tolles Fund to Prof. Frederic E. Clements and Mrs. Edith S. Clements to aid in completing an investigation on the modifications of leaves. On motion the recommendations were adopted. The report of the Committee on Resolutions was adopted, acknowledging the indebtedness of the Society to the Buffalo Society of Natural Sciences, to its president, Hon. T. Guilford Smith, and to its secretary, Miss Elizabeth J. Letson; to Mrs. John Miller Horton, chairman of the reception committee; to the Buffalo Historical Society; to Dr. W. C. Krauss, Dr. Geo. E. Fell, and Mr. Carlos E. Cummings and the members of the reception committee; to the officers of the State Cancer Laboratory and the Spencer Lens Co., and to the representatives of the press.

The following names were presented by the committee on nominations and the persons were elected for the ensuing year:

President, Dr. Henry B. Ward, Lincoln, Nebr.

Vice-Presidents, Dr. Vida Latham, Chicago, Ill.; Dr. M. A. Veeder, Lyons, N. Y.

Secretary, Dr. R. H. Wolcott, Lincoln, Nebr. (elected for three years).

Executive Committee: Mrs. Susanna Phelps Gage, Ithaca, N. Y.; Prof. Wm. F. Watson, Greenville, S. C.; Mr. Henry R. Howland, Buffalo, N. Y.

The following papers were read by title:

"Fresh-water Investigations, Continued," Prof. Henry B. Ward.

"A Special Apparatus for Collecting Plankton, with Some Results Obtained by Its Use," Prof. B. L. Seawell.

"The Copepoda of Nebraska, With Notes on Some from Other States," Mr. A. S. Pearse.

"New Species of Fresh-water Mites," Prof. R. H. Wolcott.

"On the Occurrence of an Ameoba Parasitic in *Volvox globator*," Mr. J. C. Smith.

"Variations in *Opisthorchis pseudofelineus*," Mr. F. D. Barker.

"A Review of the Protozoan Parasites of Man, hitherto reported in the United States," Prof. Henry B. Ward.

"A New Fluke Parasitic in Man," Prof. Henry B. Ward.

"The Structure and Classification of the Lower Green Algae," Prof. Chas. E. Bessey.

In the absence of the author the secretary read a paper on "The Relations of Leaf Structure to Physical Factors," by Dr. Edith S. Clements, containing an abstract of the work being done with the aid of grants from the income of the Spencer-Tolles Fund.

The following paper was then presented:

Prof. Wm. F. Watson: "Photographing with Lenses from the Eyes of Insects and Higher Animals." Discussed by Dr. R. H. Ward.

Announcement was made of the death of Prof. Hamilton L. Smith, an honorary member of the Society, and on motion the Secretary was instructed to secure a sketch for publication in the Transactions of the Society.

A vote of thanks was unanimously extended on behalf of the Society to the retiring president, Professor Burrill, and after a few words by him in response the session and the meeting closed.

ROBERT H. WOLCOTT,
Assistant Secretary.

CUSTODIAN'S REPORT FOR YEAR ENDING JULY 20, 1904

SPENCER-TOLLES FUND

Reported at Winona Meeting	\$1703 79
Dividends received	121 72
Sale of Proceedings	95 00
Sale of Tolles lens donated	25 00
Loan by Custodian, pending sale of Proceedings	50 00
	<hr/>
	1995 51
Less Grant No. 1	\$50 00
Less Grant No. 2	25 00
Less Expenses	3 92
	<hr/>
Total invested	\$1916 59
Gross increase during year	291 72
Net increase during year	212 80

ANNUAL GROWTH

Year	Increase	Total
1885		\$ 60 20
1886	\$ 25 00	85 20
1887	10 00	95 20
1888	52 66	147 88
1889	76 00	223 86
1890	30 00	253 86
1891	39 02	293 88
1892	19 12	312 00
1893	18 06	330 06
1894	19 32	349 88
1895	22 89	372 27
1896	50 77	423 04
1897	45 99	469 03
1898	86 43	555 46
1899	97 90	653 36
1900	102 65	756 01
1901	388 11	1144 12
1902	275 12	1419 24
1903	284 55	1703 79
1904	212 80	1916 59

CONTRIBUTORS TO SPENCER-TOLLES FUND GIVING \$50 OR OVER (CONSTITUTION, ARTICLE VII)

John Aspinwall	Robert Brown
Troy Scientific Association	
	MAGNUS PFLAUM,
	<i>Custodian.</i>

BUFFALO, N. Y., Aug. 24, 1904.

We, the undersigned, hereby certify that we have carefully examined the accounts of the Custodian, as given in the foregoing report, compared the same with vouchers, and found the same to correspond and to be correct.

GEO. E. FELL,
JOHN A. MILLER,
Auditing Committee.

TREASURER'S REPORT

FROM FEBRUARY 29, 1904, TO MARCH 30, 1905

DR.

By Balance from last Report.....		\$ 50 12
To Membership dues, 1902	\$ 2 00	
To Membership dues, 1903	22 00	
To Membership dues, 1904	274 00	
To Membership dues, 1905	53 00	
To Membership dues, 1906	2 00	353 00
To Admission fees		65 00
To Subscribers, Vol. XXIV	6 00	
To Subscribers, Vol. XXV	56 00	62 00
To Advertisers, Vol. XXIV	36 00	
To Advertisers, Vol. XXV	120 20	156 20
To Volumes sold		18 95
		<u>\$705 27</u>

CR.

By Postage, Secretary	\$ 32 10	
By Postage, Treasurer	14 00	\$ 46 10
By Expressage, Secretary		39 89
By Stationery and Printing, Secretary	26 20	
By Stationery and Printing, Treasurer	2 00	28 20
By Typewriting, Secretary		31 50
By Sundries, Secretary		19 08
By Bank charges, Treasurer		2 00
By Plates for Vol. XXV		84 08
By Printing Vol. XXV		424 81
By Balance on hand		29 61
		<u>\$705 27</u>

J. C. SMITH,
Treasurer.

BUFFALO, N. Y., June 20, 1905.

We do hereby certify that we have examined the foregoing account and the vouchers submitted therewith and have found the same true and correct.

W. C. KRAUSS,
GEO. E. FELL,
Auditing Committee.